IN THE CLAIMS

5 1 (Currently Amended). A method comprising:

biasing a first plate of a spatial light modulator with ~~alternating~~ positive and negative bias potentials in alternating frames by using signals of a first polarity during a positive cycle of liquid crystal modulation and a second polarity during a negative cycle of liquid crystal modulation; and

biasing a second plate of said spatial light modulator with only the second polarity during both the positive and negative cycles of liquid crystal modulation.

6 2 (Original). The method of claim 1 5 including biasing a top plate and a pixel electrode.

7 3 (Original). The method of claim 2 6 including biasing said top plate to a negative voltage.

8 4 (Original). The method of claim 3 7 including maintaining said pixel electrode at a positive voltage.

9 5 (Original). The method of claim 4 8 including biasing said pixel electrode across its full dynamic range.

10 6 (Original). The method of claim 1 5 including alternately biasing the top plate negatively and positively.

11 7 (Currently Amended). A spatial light modulator comprising:

a top plate;

a liquid crystal layer;

a pixel electrode, said top plate and said pixel electrode sandwiching said liquid crystal layer; and

a drive circuit to apply positive and negative bias potentials in alternating frames, said circuit to apply positive potential during a negative cycle of liquid crystal modulation and apply negative potential during a positive cycle of liquid crystal modulation to said top plate and

to bias the pixel electrode with only a positive potential during both the positive and negative cycles of liquid crystal modulation.

8 (Original). The spatial light modulator of claim 1 including a drive circuit to apply a negative bias potential to said top plate.

9 (Original). The spatial modulator of claim 1 wherein said spatial light modulator is a liquid crystal over silicon spatial light modulator.

Claim 10 (Canceled).

11 (Original). The spatial light modulator of claim 8 wherein said top plate is formed of indium tin oxide.

Claims 12-15 (Canceled).